

ABSTRACT OF THE DISCLOSURE

The invention presents HLA-E chimeric molecules for providing nonhuman mammal cell with resistance to cytotoxicity by human NK cell, base sequences for coding the chimeric molecules, and nonhuman mammal cell and nonhuman mammal animal transformed by the base sequences. The HLA-E chimeric molecule of the invention is a peptide reforming all or part of signal peptide region, $\alpha 1$ domain and/or $\alpha 2$ domain of HLA-E, and the base sequence of the invention is a base sequence for coding the chimeric molecule. The transformant incorporating the base sequence of the invention is effective to express the HLA-E efficiently.